

## Product Highlights

### Global Mobile Broadband

3G/4G mobile connectivity lets you take your broadband connection with you wherever you go

### High-speed Connectivity

Enjoy high-speed wireless IEEE 802.11ac with speeds of up to 1200Mbps, so that you can access the Internet and transfer data quickly

### Strong Security and Encryption

A variety of powerful, yet easy to set up VPN security tools that keep connections private and secure at all



## DWR-M961

# 4G AC1200 LTE Router

## Features

### Connectivity

- LTE CAT6 with Carrier Aggregation for a downlink speed up to 300Mbps and Uplink speed up to 50Mbps
- One 1000/100/10 Ethernet WAN port to connect to the Internet
- Frequency Range:
  - 2.4GHz: 2.4GHz – 2.4835GHz
  - 5GHz: 5.15GHz – 5.30GHz
- Maximum Output Power (EIRP):
  - 2.4GHz: 18dBm
  - 5GHz: 22dBm
- Four 1000/100/10 Ethernet LAN ports to connect wired devices for high-speed activities
- SIM card slot for a mobile broadband connection
- Wireless 802.11 b/g/n/ac

### Security

- Supports WEP, WPA/WPA2 and WPA-PSK/WPA-2PSK encryption
- Dual-active firewalls (NAT/SPI) to control traffic and prevent exploits and intrusions
- Supports PPTP, L2TP VPN

D-Link's DWR-M961 E4 1G CAT6 AC1200 LTE Router allows you to access mobile broadband networks from anywhere. Once connected, you can check e-mail, surf the web, stream media and make phone calls. Use your carrier's SIM/UICC card to share your 3G/4G Internet connection through a secure wireless network or by using any of the four Gigabit ports.

## Fast Mobile Internet

The DWR-M961 lets you connect to your 3G/4G mobile connection with fast downlink speeds of up to 300 Mbps and uplink speeds up to 50 Mbps, giving you the speed you need for fast, responsive Internet access. Surf the web with ease and stream music and video over the Internet to your PCs and mobile devices.

## Secure Wired and Wireless Connections

The DWR-M961 utilizes dual-active firewalls (SPI and NAT) to prevent potential attacks across the Internet. Industry standard WPA/WPA2 wireless encryption keeps your wireless network secure and your traffic safe, allowing you to share your 3G/4G connection without worrying about unauthorized users accessing your network.

## Easy to Set Up and Use

The DWR-M961 can be installed quickly and easily almost anywhere. It can be configured through almost any web browser without the need for special software. This router makes it possible to stay connected, even when conventional broadband services are unavailable.

## Technical Specifications

### Hardware Parameters

CPU frequency	1000MHz (1GHz)
Memory	64MB 16-bit DDR2 SDRAM
Flash	8MB
Wi-Fi	2T2R 2.4GHz 802.11b/g/n 300Mbps 2T2R 5.8GHz 802.11AC, 867Mbps
Device Interfaces	<ul style="list-style-type: none"> <li>1 x LTE Interface</li> <li>4 x RJ45 10M/100M/1000M LAN Ethernet Interfaces</li> <li>1 x RJ45 10M/100M/1000M WAN Ethernet Interfaces</li> <li>1 x Reset Button</li> <li>1 x WPS Button</li> <li>1 x Power Jack</li> <li>1 x Power Switch</li> <li>1 x USB 2.0</li> <li>2FF SIM card: standard 6 PIN SIM card interface</li> </ul>
Wi-Fi Antenna	2 x 5dBi external dual-band antenna (2.4GHz and 5GHz with Antenna Combiner)
LTE Antenna	2 x 5dBi external antenna

### LTE Support Bands

DWR-M961	<ul style="list-style-type: none"> <li>WCDMA: B1/5/8</li> <li>FDD LTE: B1/B3/B5/B7/B8/B20</li> <li>GSM: 850/900/1800/1900</li> <li>TDD LTE: B38/B40/B41</li> </ul>
NOTES:	Frequency bands will be added or removed based on the operator's band requirement

### Wi-Fi Features

Standards	<ul style="list-style-type: none"> <li>802.11b/g/n/ac</li> <li>11N: 2.4~2.4835GHz</li> <li>11AC: 5.15~5.30GHZ</li> <li>Korea, Japan, ETSI, FCC channels can be selected</li> </ul>
Modulation Schemes	<ul style="list-style-type: none"> <li>OFDM = BPSK, QPSK, 16-QAM, 64-QAM 256-QAMc</li> <li>DSSS = DBPSK, DQPSK, CCK</li> </ul>
Transfer Rate	<ul style="list-style-type: none"> <li>HT20: up to 144 Mbps</li> <li>HT40: up to 300 Mbps</li> <li>VHT80: up to 867 Mbps</li> </ul>

### Software Features

General	RFC0768 UDP	IEEE802.1p
	RFC0791 IP	IEEE802.11b
	RFC0792 ICMP	IEEE802.11g
	RFC0793 TCP	IEEE802.11n
	RFC0826 Ethernet ARP	IEEE802.11ac
	RFC0894 IP Over Ethernet	RFC2516 PPP Over Ethernet (PPPoE)
	RFC0922 Broadcasting Internet Datagrams	RFC1662 PPP in HDLC-like Framing
	RFC0950 Internet Standard Subnetting	RFC1332 PPP Internet Protocol Control Protocol
	IEEE802.3 Ethertype	

General	<p>RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks</p> <p>IPoE (a.k.a IP over Ethernet AAL5)</p> <p>DHCP server, client</p> <p>NAT, NATP and ALG</p> <p>DMZ and Port forwarding (Virtual Server)</p> <p>PPTP, L2TP VPN</p> <p>IGMP Proxy and MLD for IPTV</p> <p>TR-069 Remote Management</p> <p>Flexible and Secure SPI Firewall, Denial of Service (DoS) protection</p> <p>Port Filtering, IP Filtering and MAC Filtering</p> <p>Logs and Statistics</p> <p>URL Filter</p> <p>QOS Flow Control</p>	<p>DDNS</p> <p>IPV6</p> <p>Static Route</p> <p>SNTP Date/Time update from Internet Time Server</p> <p>ETH WAN link-backup via 3G/4G Module</p> <p>WEB GUI</p> <p>Embedded AP with 4 SSIDs</p> <p>Wireless WDS</p> <p>Wireless Client Mode</p> <p>Separate Authentication for each SSID</p> <p>Wireless Schedule</p> <p>802.1Q VLAN</p> <p>Samba</p>
<b>Environment Requirement</b>		
Operating Temperature	0°C ~ 40°C	
Storage Temperature	-20°C ~ 90°C	
Operating Humidity	5% ~ 95% (typical)	
Power Supply	12V/1.5A	
<b>EMC / Safety</b>		
Regulation Compliance	CCC CE FCC	
Safety Regulations	UL	
Green Standard	RoHS	